

Course Title	Introduction to craniomandibular disorders				
Course Code	DES490				
Course Type	Compulsory				
Level	Bachelor of Dentistry				
Year / Semester	4 th year / 8 th semester				
Teacher's Name	TBA				
ECTS	1	Lectures / week	1 hr / 13 weeks + exam week	Laboratories / week	1hr/ 13 weeks & 2 hrs/6 weeks
Course Purpose and Objectives	To present basic knowledge regarding identification, examination, diagnosis and management of patients with craniomandibular disorders (CMD).				
Learning Outcomes	<p>Upon successful completion of this course students should be able to:</p> <ul style="list-style-type: none"> • Describe the great variety of CMD and the most common classifications. • Take a comprehensive history, perform a detailed clinical examination and prescribe appropriate radiographic and imaging examinations. • Perform a preliminary diagnosis and then produce differential diagnosis. • Discuss the various treatment protocols for managing CMD disorders. • Refer a CMD patient to the appropriate dental or medical specialists. 				
Prerequisites	None	Co-requisites	None		
Course Content	<p>In that regard, students will familiarize themselves with the following Modules:</p> <ul style="list-style-type: none"> • Functional anatomy and biomechanics of the masticatory system. • Functional neuroanatomy and physiology of the masticatory system. • Mechanics of mandibular movement. • Criteria for optimal functional occlusion. • Causes of functional disturbances in the masticatory system. • Signs and symptoms of craniomandibular disorders. 				

	<ul style="list-style-type: none"> • History of and examination for temporomandibular disorders. • Diagnosis of craniomandibular disorders. • Treatment of masticatory muscle disorders. • Treatment of temporomandibular joint disorders. • Treatment of chronic mandibular hypomobility and growth disorders. • Treatment sequencing. • Pharmacologic approaches. • Physical medicine. • Oral appliances. • Biobehavioral therapy. • Management of dental occlusion. • Indications and limitations of TMJ surgery. 								
Teaching Methodology	Face-to-face								
Bibliography	<p>Management of temporomandibular disorders and Occlusion. (Jeffrey P. Okeson)</p> <p>Dawson PE. Functional Occlusion: From TMJ to Smile Design. St. Louis: Mosby Elsevier, 2007.</p>								
Assessment	<table border="1"> <tr> <td>Final Examination</td> <td>60%</td> </tr> <tr> <td>Laboratory / Clinical Work / Oral presentations</td> <td>30%</td> </tr> <tr> <td>Participation and attendance</td> <td>10%</td> </tr> <tr> <td>Total</td> <td>100%</td> </tr> </table>	Final Examination	60%	Laboratory / Clinical Work / Oral presentations	30%	Participation and attendance	10%	Total	100%
Final Examination	60%								
Laboratory / Clinical Work / Oral presentations	30%								
Participation and attendance	10%								
Total	100%								
Language	English								